## Abstract

A process is described for preparing polyoxymethylene by contacting a formaldehyde source with a catalyst of the formula I

$$\begin{bmatrix} ML^{1}aL^{2}b \end{bmatrix}_{c}^{m+} Z_{c \cdot m/n}^{n-}$$
 (I)

where

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M is a metal of group VIII;

L<sup>1</sup> is a ligand having at least one  $\pi$ -electron pair;

each L<sup>2</sup> is independently tetrahydrofuran or a ligand which is displaceable by tetrahydrofuran;

Z is an anion;

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a is 1 or 2;

b is an integer from 0 to 4;

c is 1 or 2; and

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m and n are integers from 1 to 4.

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